

REMARKS

Favorable reconsideration of this application, in light of the preceding amendments and following remarks, is respectfully requested. Claims 13, 18 and 24-27 and 56 are pending in this application. Claims 13, 24-27 and 56 are the independent claims. By this Amendment, claims 13, 18 and 25 are amended, and claim 56 has been added. By this Amendment, no claims are cancelled.

Rejections under 35 U.S.C. § 101

The Examiner has rejected claims 13 and 18 under 35 U.S.C. § 101 because the claimed invention is allegedly directed to non-statutory subject matter. Without conceding to the Examiner's current position, Applicants have amended claims 13 and 18 to recite "non-transitory computer readable medium." As such, Applicants respectfully request that this rejection be withdrawn.

Rejections under 35 U.S.C. § 103

The Examiner has rejected claims 13, 18 and 24-27 under 35 U.S.C. § 103(a) as being unpatentable over Kato et al. (U.S. Patent Publication No. 2002/0145702, hereinafter "Kato") in view of Ando et al. (U.S. Patent No. 7,054,545, hereinafter "Ando") in view of Seo et al. (U.S. Patent Publication No. 2001/0056580). Applicants respectfully traverse this rejection for the reasons detailed below.

The Examiner *acknowledges* that Kato and Ando does not teach "the at least one still picture unit including at least one still picture and associated graphic data" and "wherein the at least one still picture and associated graphic data in the at least one still picture unit are reproduced synchronously", as required by claim 13. Rather, the Examiner relies upon paragraph [0006] of Seo as disclosing these features. Applicants disagree. Seo teaches a method of providing supplementary service

information for A/V contents written in a recording medium, where the recording medium contains Presentation Language (PL) data, which must be included for a digital television signal. Paragraph [0006] of Seo is reproduced below.

[0006] A digital television set being able to receive PL data of ATVEF or DASE standard will be configured as FIG. 1. The digital television set 100 of FIG. 1 comprises a VSB tuner 1 tuning VSB (Vestigial Sideband)-modulated digital television broadcast signal received through an antenna, and extracting MPEG transport stream belonging to a channel chosen by a viewer from the tuned signal; an MPEG decoder 2 decoding A/V data stream contained in the extracted transport stream to original picture and sound data; and a PL separator 3 extracting PL data contained in the extracted transport stream; and a storage unit 4 such as a hard disk or memory banks for storing the extracted PL data; a PL interpreter 5 interpreting PL data stored in the storage unit 4 or received from the PL separator 3; a graphic generator 6 generating a graphic image in accordance with the PL data interpretation; and a mixer 7 mixing synchronously picture data from the MPEG decoder 2 with the generated graphic image from the graphic generator 6 to be presented together onto a screen.

Referring to FIG. 1, this portion of Seo teaches a VSB tuner 101 that extracts an MPEG transport stream, and an MPEG decoder 2 that decodes the A/V data stream contained in the extracted transport stream. Also, Seo provides a PL separator 3 that extracts Presentation Language (PL) data contained in the extracted transport stream and a PL interpreter 5 that interprets the PL data. Next, a graphic generator 6 generates a graphic image based on the PL data interpretation, and uses a mixer 7 to combine the picture data from the MPEG decoder 2 with the generated graphic image from the graphic generator 6 to be presented together onto a screen.

However, this teaching of Seo does not suggest a stream file having presentation data that is divided into still picture units, where the still picture unit includes at least one still picture and associated graphic data, as required by claim 13. For instance, the "A/V data stream contained in the extracted transport stream" of Seo does not include graphic data. Rather, the PL separator 3 *extracts* PL data contained in the extracted transport stream. However, the extracted PL data is not graphic data. It is

merely Presentation Language data. In Seo, the graphic data is generated based on the PL data, and combined with the decoded A/V stream. However, the *newly* generated graphic data combined with the decoder A/V stream is not a “still picture unit” within the meaning of claim 1 because this combination of Seo is not included in the transport stream. Therefore, Seo cannot possibly suggest “the at least one still picture unit including at least one still picture and associated graphic data”, as required by claim 13. Independent claims 24-27 contain the same feature.

In addition, Seo does not teach “wherein the at least one still picture and associated graphic data in the at least one still picture unit are reproduced synchronously”, as required by claim 13. For instance, claim 13 requires that the first stream file (which includes the still picture units) is reproduced based on the at least one playitem in the playlist file. As such, the still picture and the associated graphic data of claim 1 are reproduced synchronously based on the playitem. In contrast, in Seo, the mixer *mixes* the picture data with the generated graphic data without the use of a playitem (which contains presentation information). Therefore, the generated graphic data of Seo is not indicated by presentation information which is the same as the still picture data. As a result, Seo cannot possibly teach “wherein the at least one still picture and associated graphic data in the at least one still picture unit are reproduced synchronously”, as required by claim 13. Independent claim 24, 26 and 27 contain the same feature. Also, independent claim 25 *explicitly* states “wherein the at least one still picture and associated graphic data in the still picture unit are reproduced synchronously based on the playitem.”

Therefore, Seo, Kato and Ando, alone or in combination, cannot render independent claims 13 and 24-27 obvious to one of ordinary skill in the art. Claim 18, dependent on claim 13, is patentable for at least the same reasons stated above. As such, Applicants respectfully request that this rejection be withdrawn.

New Claim

Because new claim 56 contains features similar to claim 25, claim 56 is patentable for at least the same reasons stated above. As such, Applicants respectfully request that new claim 56 be allowed.

CONCLUSION

In view of the above remarks and amendments, the Applicants respectfully submit that each of the pending objections and rejections has been addressed and overcome, placing the present application in condition for allowance. A notice to that effect is respectfully requested. If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to contact the undersigned.

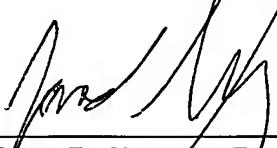
Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact the undersigned, at the telephone number of the undersigned below.

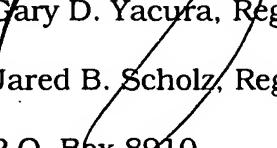
If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

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